



**Building Occupancy Business Line
FISCAL YEAR 2007 – 2011 PLAN**

March 2007

Executive Summary

Mission: The mission of this business line is to provide a safe and healthy working environment through efficient operations and maintenance of the Department of Energy (DOE) Headquarters (HQ) facilities and to optimize the satisfaction of the occupying organizations at the lowest possible price.

Vision: Be the premier provider of a customer-friendly, technology-integrated business center for HQ facilities services and real property asset management that uses environmentally responsible products and management processes in strategic support of DOE's mission.

Balance Score Card Objectives:

- **Customers:** Improve customer satisfaction
- **Financials:** Reduce cost per person
- **Internal Processes:** Operate and maintain equipment and systems in a manner that will provide for orderly operations of the Department, be environmentally responsible, and ensure preservation of the Government's real property assets.
- **Learning and Growth:** Improve knowledge, skills and abilities of business line staff in support of business systems and business line mission.

FY 2006 Accomplishments:

- Achieved 37.18% decrease in energy consumption at HQ (43.0% at Germantown; 34.24% at Forrestal). Increased renewal energy purchase to 100% of the electrical energy used at Forrestal and Germantown (37,000 MWH). Replaced purchase of Wind and Landfill gas with Geothermal "Renewable Energy Certificates" allowing us to double our purchase from our planned 50% and saved approximately \$185K as compared to a 50% purchase from our previous source.
- Continued to implement HQ infrastructure improvements as follows:
 - The Germantown CAS has moved to A-060.
 - The Germantown Child Development Center was re-carpeted.
 - Forrestal Pumping System Variable Frequency Drives Upgrade Project completed.
 - Germantown Low voltage switchgear and power management system modification upgrade project completed.
 - Completed construction of 124 restrooms at Forrestal.
 - Processed 956 requisitions for tenant alterations at a total value of \$2,584,4987.00 for the Working Capital Fund (WCF) members and met service delivery standards of performance for 98.12% of the work orders processed.
 - Updated/improved occupant emergency plans for all buildings at HQ.
 - Successfully recompeted leases at 950 L'Enfant Plaza, SW and Cloverleaf Center 4 in Germantown, Maryland to be able to remain at the same locations.
 - Acquired 18,000 sq. ft. of swing space at 950 L'Enfant Plaza to facilitate the General Services Administration (GSA) \$40 million Forrestal Life Safety Sprinkler System and Voice Annunciation Fire Alarm System Installation Project.

- Expanded Office of Intelligence at Forrestal by 5,200 sq. ft. in room GA-087.

FY 2007 Goals:

- Phase 5 of restrooms (10) to be renovated in the Forrestal Building. Target date: Complete 10 by October 15, 2007.
- Continue to upgrade ceilings and install sprinklers as part of Sprinkler Project Installation at Forrestal Building.
- Continue to replace flooring at Germantown Building.
- Complete Germantown Fire Alarm Voice Annunciation System upgrade.
- Complete construction in Office of Intelligence, Room GB-230.
- Upgrade Germantown Generator Project for COOP.
- Complete South Building Stairwell Project – Forrestal.
- Complete Phase 2 New Energy Efficiency Initiatives – replacement of the large supply return fan motors.
- Complete curb repair/replacement East side of 10th Street under North Building.
- Complete expansion joint repair West side of 10th Street under North Building.
- Complete new planter installation under Forrestal North Building.

Introduction

The Building Occupancy Business Line provides operations and maintenance of DOE buildings, energy management, cleaning, fire protection, safety and health, repairs and alterations, resource management and space assignment and utilization.

The core services in the Building Occupancy Business Line, therefore, include space management, provision of utilities such as heat and electricity, cleaning services, snow removal, preventative and restorative maintenance, pest control, trash removal, and waste recycling. Engineering and facilities services provided are drafting, architectural and interior design, construction, value engineering, lock repair and key management, safety and occupational health, and conference support. These services are provided at a standard level of service and an above standard level of service. The standard level of service is to provide the basics of a safe, warm and adequately lit shell. Renovations within a suite of offices for the benefit of the program office are considered to be above the standard level of services and are paid for accordingly. For access to these services please use our website www.management.energy.gov.

The Building Occupancy Business Line is dedicated to mandatory vendors, such as the Javits, Wagner, O' Day Act—the National Institute of the Blind, the National Institute of Severely Handicapped, and GSA. The Business Line also supports economically and socially disadvantaged firms, such as the 8(a) and Small Disadvantaged Business firms in the Small Business Administration program.

Planning Process

Our objectives for improving business line performance are in line with those of the Office of Management (MA) and the WCF and support the Department's strategic objectives in Corporate Management. MA objectives are to provide DOE with the best value and with quality products and management services. The WCF objectives are to improve the efficiency of DOE administrative services and to provide accurate full-cost budgets. Each year the business line updates its five-year plan using a balanced scorecard approach with objectives, performance goals to measure our success, and strategies to reach our objectives. We report progress towards these balanced scorecard objectives to the WCF Board on a quarterly and annual basis.

In addition, each year business line managers participate in a weeklong planning session with their peers in the Office of Administration in order to integrate business planning with broader corporate planning. This process allows managers in other disciplines to discuss building occupancy issues and contribute their expertise to the corporate planning process.

We implement pricing policies that are based on the guidelines provided in WCF Guide to Services, Policies and Procedures (the Blue Book or at website www.wcf.doe.gov).

Environmental and competitor analysis

This analysis has been narrowly focused on current services and ways to improve these services. Discussion of items like virtual offices, flexi-place, and other technology impacts are performed in the larger corporate environment, but not in this plan. The performance goals and objectives of this plan are consistent with the Federal Property Management Regulations (FPMR), GSA guidance and DOE experience.

The objective of this business line is to provide a safe and healthy working environment through the operations and maintenance of the DOE HQ facilities. It is the business line's intent to optimize the satisfaction of the occupying organizations, at the lowest possible price and to meet customer needs and maximize customer service within the guidelines of WCF and the FPMR.

The objectives are based on customer needs and the mission of DOE. DOE's strategic planning must include Real Property considerations, the Life Cycle costs of its assets and adherence to an Environmental Management System (EMS) for HQ.

External regulation and partnerships

The oversight role is ongoing, with frequent contacts by GSA national and regional office personnel to ensure that the single occupant agency, DOE, staff have the skills, expertise, and support materials necessary to carry out the delegated responsibilities. The evaluation process, which is not a performance audit, assesses the Building Occupancy Business Line real property operations, safety and occupational health program, and lease management performance. This is more formal than the day-to-day oversight process, and is carried out on a bi-level basis: by occupied building and HQ-wide. The HQ-wide evaluation focuses on general program management and control, while the site specific evaluation addresses actions taken to manage the

real property assets in a manner that preserves its utility and value and environmental considerations consistent with DOE Order 450.1 and Executive Order (EO) 13148.

Resources and capabilities of the organization

Our management team is comprised of individuals whose backgrounds include corporate knowledge in occupancy allocation, building maintenance and operations, and, engineering and facilities management. In addition to the management team, the support services contractors form a major resource available to the Building Occupancy Business Line. Support services include: conference support, elevator and escalator repair, HVAC supply, miscellaneous building repairs, fire alarm maintenance, cleaning and sanitation services, and trash removal.

Needs and capabilities of customers

The Secretary realigned the former Office of Environment, Safety and Health and created a new Office of Health, Safety and Security to strengthen and improve the health, safety, and security of DOE workers, facilities and the public. The Offices of Nuclear Energy, and Health, Safety and Security both have initiated discussions to investigate potential space consolidations within their respective Program Offices. We are continuing the consolidation of the Office of Energy Information Administration from 950 L'Enfant Plaza back to the Forrestal Building. The Board of Contract Appeals has vacated 950 L'Enfant Plaza and become part of GSA. The upcoming new administration also impacts the FY 2008 and FY 2009 budget projections in that a new administration has the potential to realign program elements both organizationally and physically. Our experience is that the impact would be felt in the FY 2009/2010. In addition, the Office of Environmental Management continues to vary requirements for space at Cloverleaf Center 4 (a leased location in Germantown).

Future competitive advantages

To enhance and maintain our future competitive advantage, we will continue to observe the operations and functioning of activities similar to the Building Occupancy Business Line in other Federal agencies. We will also continue to participate in the Federal Real Property Council and the Real Property Executives Interagency Council. To validate our processes and success, we will continue to participate in Federal competitions. To date, we have received many awards, including:

The Germantown Main Building was surveyed and demonstrated that it met the Energy Star performance targets of energy efficiency, thermal comfort, indoor air quality, and illuminance levels and was awarded the Environmental Protection Agency/DOE Energy Star label for Buildings in FY 2003. The building received a score of 83 exceeding the benchmark of 75.

Recipient of prestigious GSA Office of Government-wide Policy Achievement Award for Real Property Innovation on October 9, 2003, for Best Practice – Energy Management at the Germantown HQ Complex. We reduced energy consumption by 41% in FY 2002 from the FY 1985 baseline. We beat the goals in EO 13123 by 6% and 8 years. We attained 43.5% in FY 2003. (In FY 2006 we achieved a 43% reduction.)

On October 28, 2003, received Federal Energy and Water Management Award for implementing a number of energy conservation projects resulting in a 41% reduction in energy consumption in FY 2002 at the

Germantown facility without sacrificing occupant comfort, health or safety. (In FY 2006 we achieved a 43% reduction.)

On Earth Day, April 22, 2002, we received a Meritorious Award from the Secretary in recognition of obtaining the first DOE renewable power purchase at HQ. Six million KWH of green tag power was purchased from PEPCO Energy Services. This is the largest purchase of green tag power to date by DOE and surpasses the 2010 renewable energy goal set forth in DOE Order 0430.2A.

“Honorable Mention” in GSA 2002 Achievement Awards for Real Property Innovation in two categories: Innovative practice (Energy Management at Germantown HQ) and Innovative Policy (Elimination of Barriers to Persons with Disabilities).

National Award Winner in the 2001 U.S. Department of Energy Pollution Prevention Awards Program in the category of Model Facility Demonstration/Complex-wide Achievement.

“Honorable Mention” in the White House Closing the Circle Awards Model Facility Demonstration Non-Hazardous Waste category in 1999 from the Office of the Federal Environmental Executive for our HQ Federal Facilities.

National Performance Review Hammer Award in 1999 for our role in planning and implementing the DOE HQ WCF.

MA Cross-cutting Team Award for the Barriers to Persons with Disabilities Audit of the DOE HQ Federal Buildings in 1999.

National Performance Review Hammer Award in 1998 – through the use of the strategic planning process we reinvented our Space Management Program to consolidate our HQ inventory of space over a 5-year timeframe from 16 locations to six (6) and saved over \$16 million in rent in the process.

First recipient of the prestigious GSA Office of Government-wide Policy Achievement Award for Real Property Innovation (October 1997) – Innovative Practice – using real property asset management principles in our strategic planning at HQ. We submitted two applications for this award in FY 2002 (innovative policy in energy efficiency and innovative practice in removing barriers to persons with disabilities).

Honorable Mention in 1996 Energy/Air Quality Awards Competition for Germantown Main Building from County Executive of Montgomery County, Maryland.

Special Recognition in DOE 1996 National Awards for Energy Efficiency and Renewable Energy to the Division of Engineering and Facilities for its outstanding contributions in promoting an environmentally sustainable energy future.

1995 Federal Energy and Water Management Award.

Efficient Building Award recognizing excellence and innovation in Energy Efficiency and Building Management for the building envelope of the Child Development Centers in 1993 from Energy User News.

Federal Design Achievement Award for Metered Analysis for Building Operation and Maintenance in the 1992 Presidential Design Awards Competition.

It is important for this business line to continue to pursue excellence in the achievement of our vision to be the premier provider of a customer-friendly, technology integrated business center for HQ facilities services and real property asset management that uses environmentally

responsible products and management processes in strategic support of DOE's mission.

Balanced Scorecard Elements

Customer Objective: Improve customer satisfaction

The Building Occupancy Business Line seeks to provide for our customers, through the operations and maintenance of the DOE HQ facilities, a safe and healthful environment, which optimizes the satisfaction of the occupying organizations. We meet customer needs and maximize customer service within the guidelines of WCF and the FPMR. The objectives are based on customer needs and the mission of DOE.

This business line provides for the safety of occupants and protection of personal property in the buildings and grounds. In order to continue the safety and health program to ensure the protection of life and property from fire, environmental and safety hazards, an annual safety and health survey is conducted of all areas, including a walk through of all high hazard areas. A questionnaire may be used in lieu of a walk-through for low-hazard office spaces. All safety and health complaints that are headquarters related are investigated within 24 hours of receipt of the complaint. Imminent danger situations are investigated immediately.

The business line meets with customers at weekly space meetings. We also employ customer feedback forms, APPLIX service ticket responses, customer suggestions, general email and responses to DOECAST messages to evaluate our customer needs. We intend to renew customer surveys, which began in FY 1996 but were discontinued in FY 1999 - FY 2001 and FY 2003 - FY 2005. Four areas within the Building Occupancy Business Line were measured for satisfaction levels on a scale of 1 to 5 with 5 being the highest level of satisfaction. Each of the four areas surveyed showed improvement over the three years of the survey. Our customers rated the importance of our services very high.

Performance Goal	Performance Standard
Improve occupant satisfaction	Average satisfaction level of 3.6*
Perform workstation evaluations	Evaluate workstations for 50 personnel at HQ*
Reduce barriers to persons with disabilities	Complete 10% of barriers identified in barriers report*
Improve performance in Federal Employee Occupational Safety and Health (FEOSH) survey	Mitigate/resolve 100% of deficiencies found.
Reduce number of accidents and injuries	Establish baseline for lost workday injury (LWDI) rate

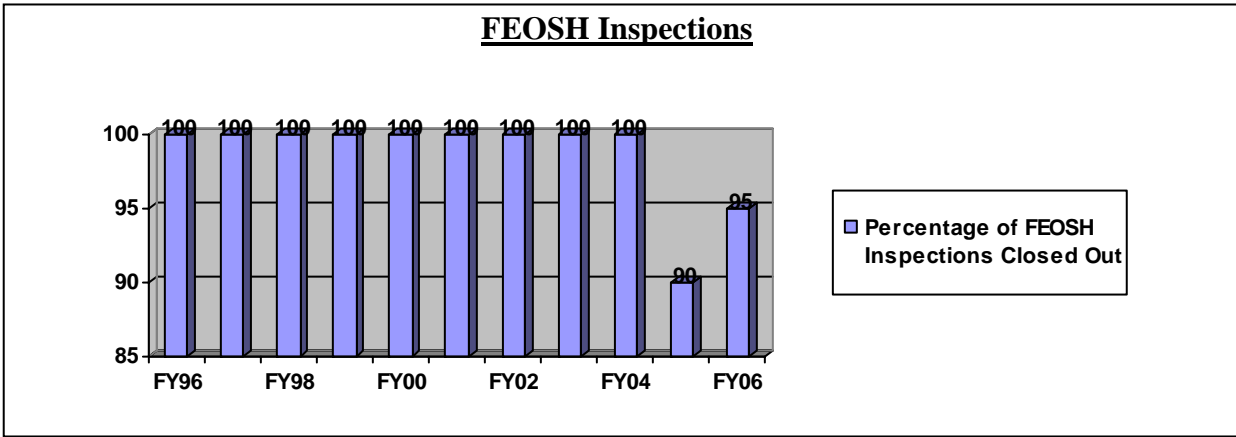
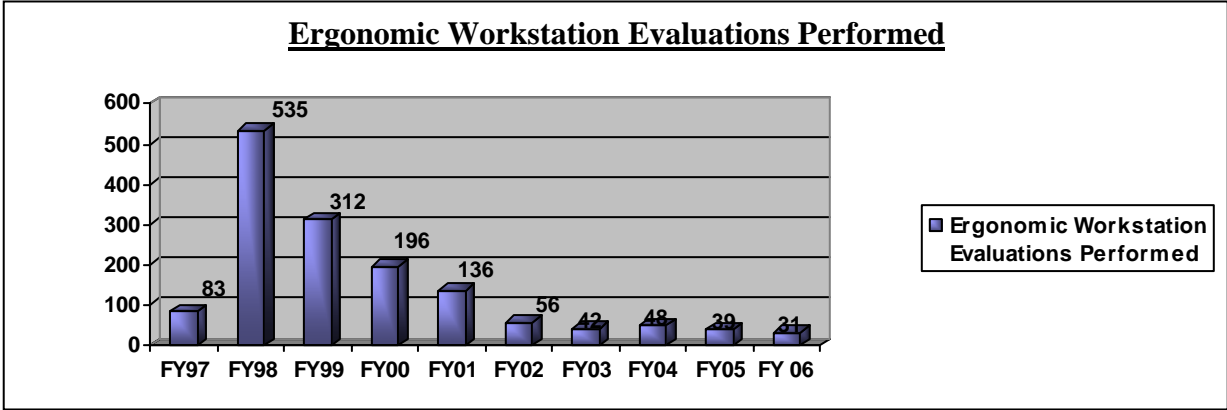
*Performance Gradient:

Outstanding = >125% of Standard

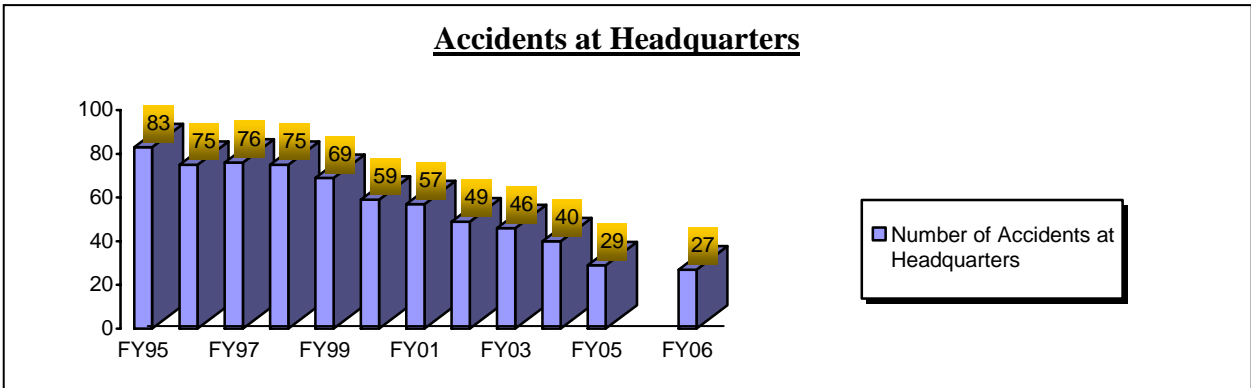
Highly Successful = 110% of Standard Acceptable = meets Standard

Needs Improvement = less than Standard

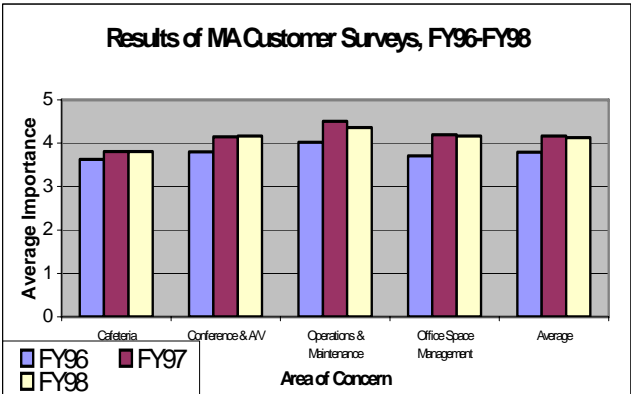
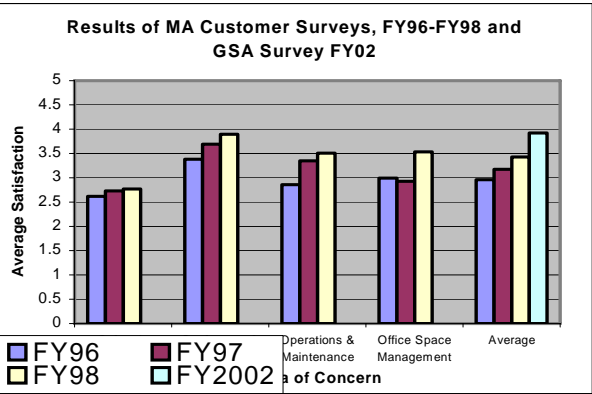
Baselines:



During FY 05 yearly FEOSH Inspections we discovered at our Landover Warehouse that dust from nearby tenant was entering DOE Warehouse space. We're working with GSA and the Building Owner to solve the problem. The dust has been analyzed and it does not pose a hazard to the occupants.



Data Source: MA Customer Survey, Accident Logs, Workstation Evaluation



Strategies for Improving Customer Satisfaction	Fiscal Year				
	2007	2008	2009	2010	2011
Conduct Space Coordination Meetings	X	X	X	X	X
Perform Customer Satisfaction Survey*	X		X		X
Review customer requests and feedback, through APPLIX, feedback cards, e-mail, DOECAST responses, etc.	X	X	X	X	X
Improve aesthetics and functionality of public areas	X	X	X	X	X
Upgrade Germantown elevators with new controllers and SCR drives	X	X			
Prepare Occupant Emergency Plans for each building	X	X	X	X	X
Upgrade Forrestal restrooms to meet Americans with Disabilities Act requirements (20 in 2006 and 8 in 2007)	X				
Perform FEOSH survey for each building	X	X	X	X	X
Calculate LWDI and compare to DOE and Occupational Safety and Health Administration data	X	X	X	X	X
Resolve hazards identified in Safety and Health surveys	X	X	X	X	X
Partner with Office of Health, Safety and Security	X	X	X	X	
Conduct fire drills for each building	X	X	X	X	
Conduct Safety and Health Training Programs	X	X	X	X	
Create and maintain inventory of hazardous materials used in each delegated building	X	X	X	X	
Create biennial Hazardous Waste Shipment Report		X		X	
Perform Ergonomic Workstation Evaluations	X	X	X	X	
Developed EMS for DOE HQ					
Perform self assessment of EMS at DOE HQ	X	X	X	X	
Install sprinkler system at Forrestal	X	X	X	X	
Install new Voice Annunciator Fire Alarm system at Forrestal	X	X	X	X	
Upgrade PRC at Forrestal			X		
Upgrade Reception Room 1E-245 at Forrestal		X			
Upgrade Conference Room 5A-092 at Forrestal				X	
Upgrade Conference Room BE-069 at Forrestal					X
Partner with GSA to replace Secondary Switchgear at Forrestal		X			
Partner with GSA to replace Primary Switchgear at Forrestal	X				
Partner with GSA to replace Dry Type Transformers at Forrestal			X		

*We have partnered with GSA to perform the surveys.

Financial Objective: Reduce cost per person

The objective to reduce cost per person is focused on our customer requirements to minimize their federal personnel costs. Cost per person combines space utilization and rent rates per square foot of space. Building occupancy business managers can affect expenses through their actions and decisions in controlling rental rates. Space utilization is the responsibility of program managers in their goal of accomplishing their program missions. Business line managers encourage program managers to meet or exceed GSA space utilization guidelines.

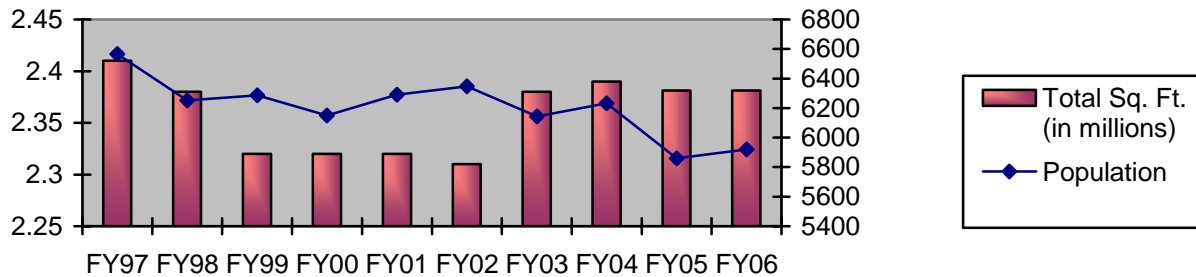
This business line has the responsibility to seek overall reductions in cost. As such, we partner with GSA to provide managers with options that minimize the costs to the organizations while still meeting mission requirements. We also partner with GSA to reduce the rent for buildings and rent for space within buildings. To this end, we partnered with GSA in FY 1998 to reappraise the Forrestal Building in FY 1999. The Office of Management and Budget approved the reappraisal for use in FY 2001. As a result we saved \$6 million in Forrestal rent in FY 2001. Half of the savings was returned to our customers and the other half was used to establish funding for infrastructure improvements within the business line. GSA has contracted with an outside firm to re-measure the exact square footage of the Forrestal Building which may result in an increased rent total in FY 2010.

With the assistance of GSA, this business line is charged with preserving the government's real property assets. As a result, for the Forrestal and Germantown complexes at DOE HQ we are involved in the following activities: perform facilities inspections; provide an energy management program; training of our staff; inventory management; real estate acquisition; lease administration; disposal of property; maintenance management; utilities acquisition; utility rate intervention; site planning; and land use planning. We also perform Eco-system planning, which involves; recycling, waste minimization, pollution prevention, water conservation, and landscaping opportunities. In FY 2006, we have established an EMS for HQ in accordance with DOE 450.1 *Environmental Protection Program* and EO 13148, *Greening the Government through Leadership in Environmental Management*. We will report on our efforts relative to the EMS in FY 2007.

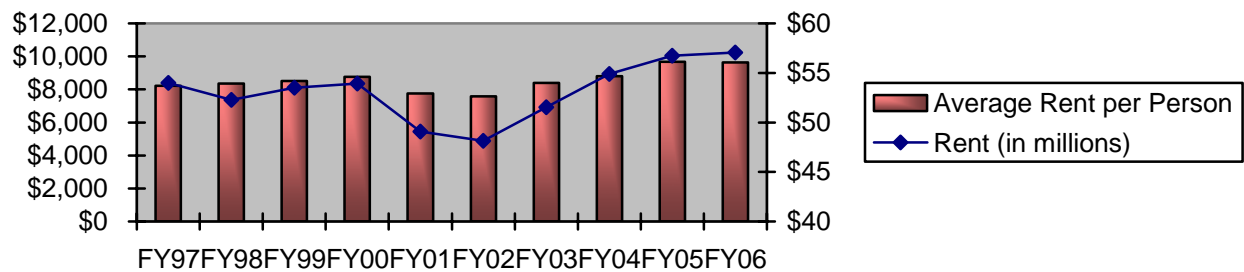
Performance Goal	Performance Standard
Monitor Total Square Footage	Provide sufficient space to meet organizations' mission in accordance with IG Audit #DOEIG-0402 dated April 1997
Monitor Employees Housed	House all personnel required to meet organizations' mission
Monitor Cost/Square Foot (owned)	Reduce cost per square foot of owned space
Monitor Cost/Square Foot (leased)	Reduce cost per square foot of leased space
Monitor Cost/Person	Reduce cost per person
Monitor Vacancy Rate	Reduce vacancy rate
Fulfill the requirements of EO and DOE Orders	Increase energy efficiency by 35% over the 1985 baseline for FY 2010.
Obtain occupancy agreements for HQ buildings from GSA	Increase number of occupancy agreements by 14% per year

Baseline:

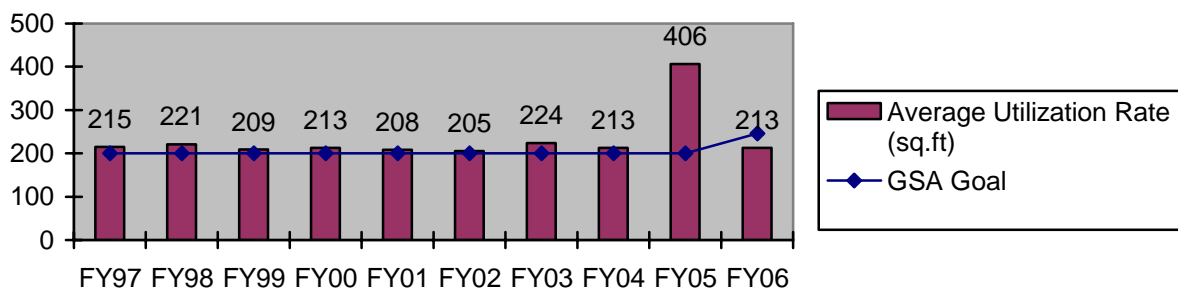
Building Occupancy Statistics

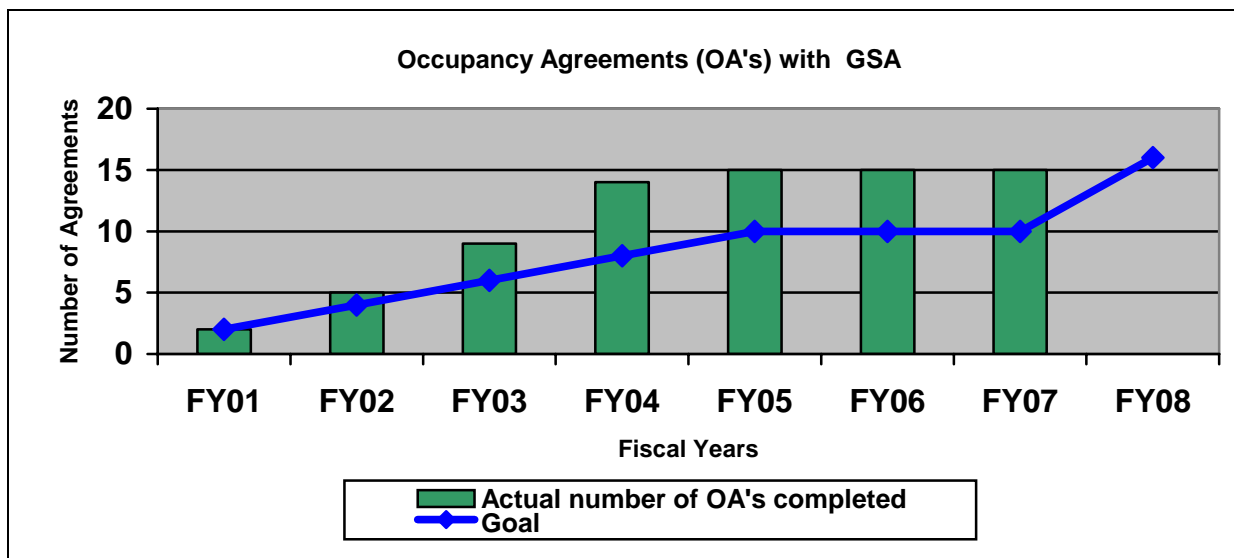
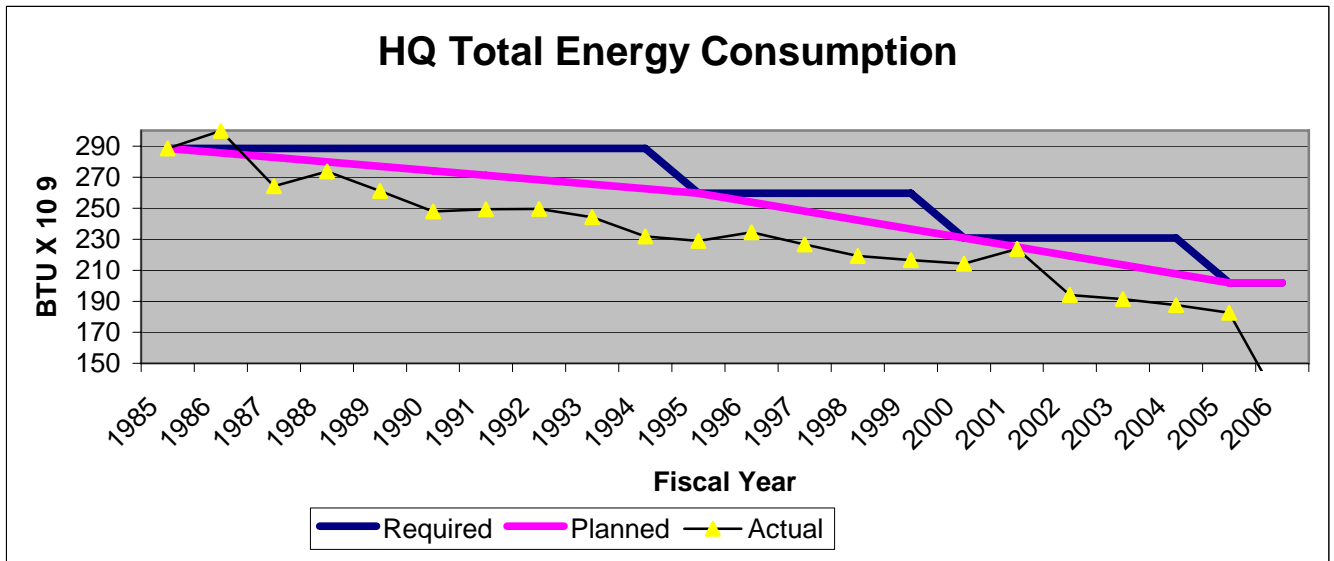


Rent and Rent per Person



Average Utilization Rate





Note: Unless otherwise noted, FY 07 through FY 08 data is projected. Renewal of OA for Cloverleaf still pending.

Data Source: Building Occupancy Business Line Occupancy Agreement October Summary, Energy Consumption data

Frequency: Annually

Strategies for Improving Financial Efficiency/Accountability	Fiscal Year				
	2007	2008	2009	2010	2011
Obtain occupancy agreements for each new building (external)	X	X	X	X	X
Complete building occupancy agreements for all HQ organizations (internal)	X	X	X	X	X
Update Space Management Plan identifying cost effective management options	X	X	X	X	X
Identify organizations with high utilization rates	X	X	X	X	X
Assist organizations with consolidations to reduce utilization rates	X	X	X	X	X
Accommodate specific customer space requests	X	X	X	X	X
Partner with GSA	X	X	X	X	X
Implement Energy Conservation Projects	X	X	X	X	X
With GSA, create an Asset Business Plan (long range asset strategy to minimize cost/improve satisfaction)	X	X	X	X	X
Budget for operating expenses separate from rent credit	X	X	X	X	X
Provide to GSA estimate of annual standard level operating costs	X	X	X	X	X

Internal Processes Objective: Operate and maintain equipment and systems in a manner that will provide for orderly operations of the Department, be environmentally responsible, and ensure preservation of the Government's real property assets.

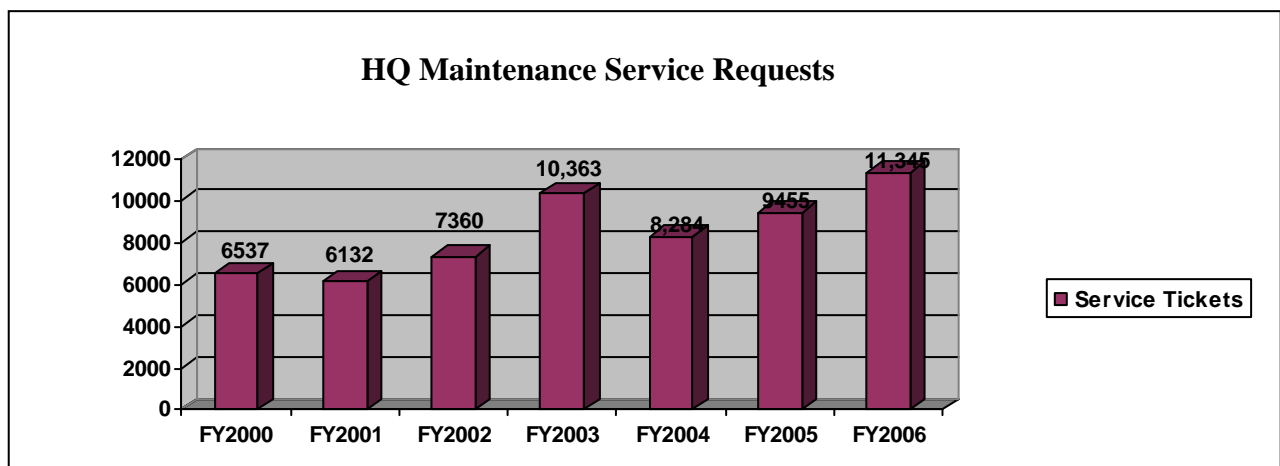
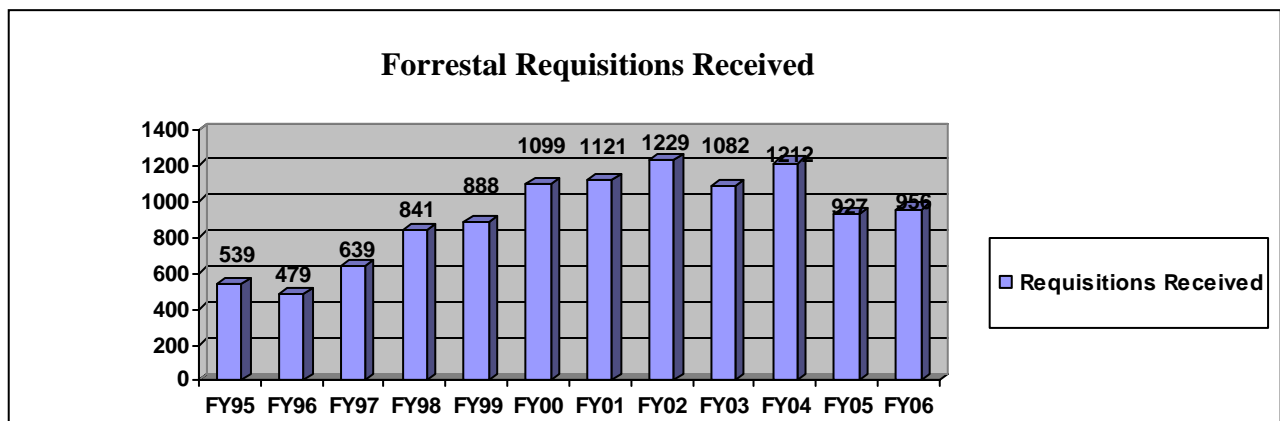
Many of the activities of this business are performed behind the scenes and, for that reason, not obvious to our customers. These activities are governed by agreements with GSA and subject to their regulation. Many projects and functions are planned, funded, and completed in partnership with GSA. An understanding of the business would be incomplete without an understanding of the many complex processes, which define the business. The strategies related to internal processes must be more numerous to cover the multitude of services and functions.

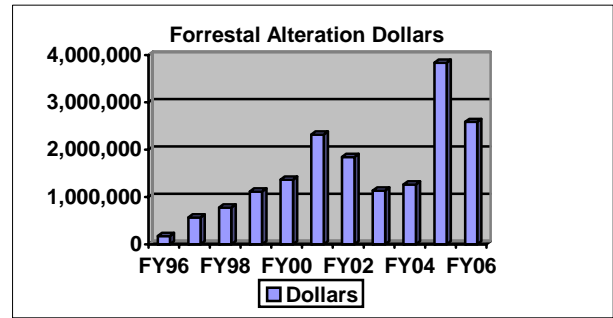
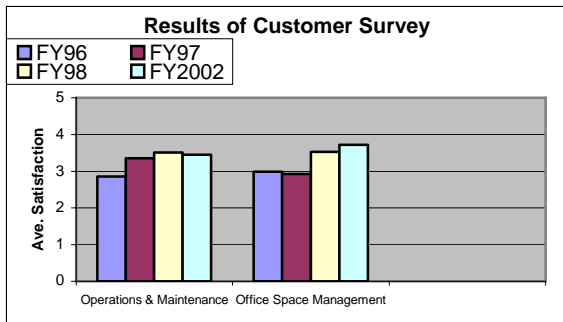
Major functions include: **Operations, maintenance, and repair**, which cover four main areas: building operation, service calls, system repairs and preventive maintenance. Appropriate operations and maintenance ensures uninterrupted operations and protection of the Government's assets. **Energy conservation, resource and environmental management** includes installation of efficient equipment, resource conservation, and adherence to Executive Orders, the National Energy Policy Act, DOE 0 450.1 and other regulations and guidelines. **Cleaning services and grounds maintenance** ensures that the building is cleaned and the grounds are maintained so as to provide a healthful, safe, and attractive environment. **Fire protection, safety and health** provides for the protection of life and health in the buildings and on the grounds. **Space**

assignment, utilization, alterations, and lease management ensures effective management of space assets and creates new space alignments to support program mission needs. **Engineering and contract management** includes value engineering services as well as contract administration, oversight and inspection.

Performance Goal	Performance Standard
Timely response to maintenance service calls.	Respond to routine calls within 24 hours. Respond to emergency calls within 3 hours.
Installation and removal of telephones and electrical outlets.	Within 30 days of request.
Alterations < \$2,000	Design < 7 days Procurement < 3 days Construction < 7 days
Alterations < \$25,000	Design < 30 days Procurement < 6 weeks Construction < 30 days
Alterations > \$25,000	Design < 90 days Procurement < 120 days Construction < 180 days (with exceptions)

Baseline:





Data Source: Requisition logs, Service ticket repair logs and GSA Gallop Poll Survey. Please note one of our strategies is to develop a baseline for service response rates.

Frequency: Annual

Strategies for Improving Internal Processes	Fiscal Year				
	2007	2008	2009	2010	2011
Complete various upgrade and renovation projects	X	X	X	X	X
Execute preventive maintenance program in accordance with GSA guidelines	X	X	X	X	X
Clean the building and maintain the grounds so as to provide a healthful, safe, and attractive environment.	X	X	X	X	X
Accomplish alterations in accordance with accepted construction practices and in keeping with engineering and architectural features of the building.	X	X	X	X	X
Install sprinklers in Forrestal Building	X	X	X	X	X
Replace Forrestal convector unit piping	X	X			
Renovate one (1) Forrestal public conference room	X	X	X	X	
Renovate one (1) Germantown public conference room	X	X	X	X	X

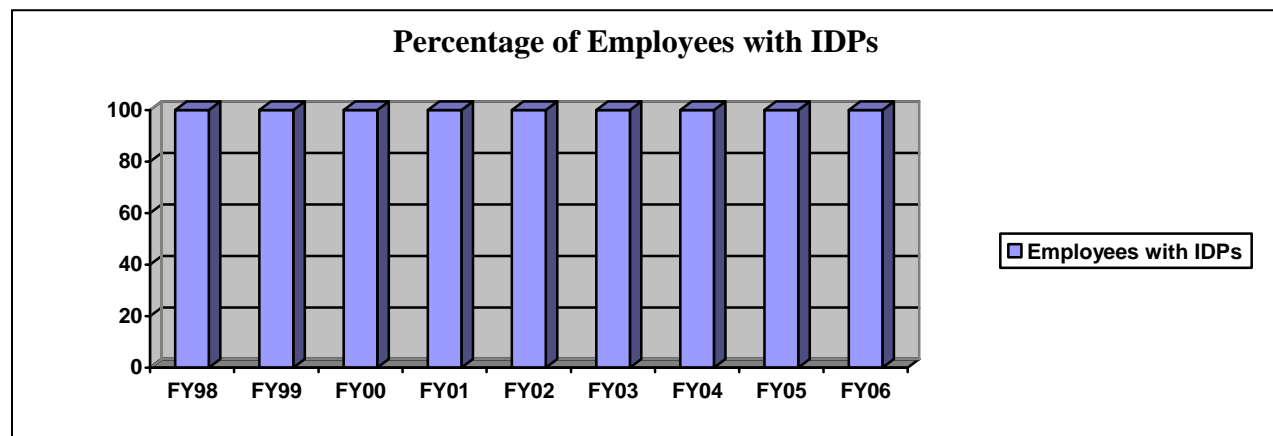
Learning and Growth Objective: Improve knowledge, skills and abilities of staff and improve business systems in support of business line mission.

The Building Occupancy Business Line uses team building to coordinate our combined efforts. Building a management team eliminates barriers to performance such as opposition from employees and customers. Communication is the primary tool for team building. We aggressively pursue problem solving, relying on root cause analysis to develop appropriate organizational solutions. We document our progress in solving problems in order to create a knowledge base that enables us to avoid future problems and repeating the same mistakes. Finally, we monitor changes to anticipate problems and recognize problems before they become out of control. Annually, we review current and proposed Business/Operational drivers and

determine training and development needs for the business; and, for our employees through Individual Development Plans (IDPs).

Performance Goal	Performance Standard
Employee IDPs	All employees have IDPs
Improve Employee Satisfaction	Survey results for MA-411 and MA-412 greater than MA average

Baseline:



Strategies for Improving Employee Learning and Growth	Fiscal Year				
	2007	2008	2009	2010	2011
Ensure staff have skills, expertise and materials to carry out delegated responsibilities	X	X	X	X	X
Ensure all employees have IDPs in place	X	X	X	X	X
Encourage participation in MA Culture Survey	X	X	X	X	X